

## EAST Search History

| Ref # | Hits  | Search Query                                     | DBs                           | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|-------------------------------|------------------|---------|------------------|
| L1    | 11919 | perovskite                                       | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 20:44 |
| L2    | 3319  | syngas   | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 15:53 |
| L3    | 100   | syn-gas  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 15:54 |
| L4    | 200   | 1 and (2 or 3)                                   | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 16:08 |
| L5    | 49    | 1 same (2 or 3)                                  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 16:03 |
| L6    | 29    | "5149516"  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 16:03 |
| L7    | 79    | 1 and ((2 or 3) with reactor)                    | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 16:08 |
| L8    | 48    | 7 not (5 or 6)                                   | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 19:29 |
| L9    | 9731  | ("b" near3 (dope\$1 or dopant or doping))        | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 20:43 |
| L10   | 332   | 1 and 9  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 19:53 |
| L11   | 177   | 10 and "%"                                       | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 19:53 |
| L12   | 226   | 10 and ("% " or percent or percentage)           | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 19:54 |
| L13   | 115   | 10 and ("% " or percent or percentage) same "B") | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ              | ON      | 2007/07/19 20:43 |
| L14   | 2765  | ("b" near3 (dope\$1 or dopant or doping))        | FPRS;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/07/19 20:43 |
| L15   | 9156  | perovskite                                       | FPRS;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/07/19 20:44 |
| L16   | 27    | 14 and 15  | FPRS;<br>EPO; JPO;<br>DERWENT | ADJ              | ON      | 2007/07/19 20:44 |

## EAST Search History

|     |        |   |                              |     |    |                  |
|-----|--------|---|------------------------------|-----|----|------------------|
| S1  | 14     | "5686198"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/07/19 15:53 |
| S2  | 0      | "10523093"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/28 16:44 |
| S3  | 36     | double perovskites  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 11:02 |
| S4  | 36     | double perovskite   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 11:03 |
| S5  | 0      | ("La.sub.1-w-x-y" "Ln.sub.w" "Ce.<br>sub.x" ("M.sub.A").sub.y")("Mn.<br>sub.1-2" ("M.sub.B").sub.z")"O.<br>sub.3" | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:14 |
| S6  | 958    | La same Sr same Cr same Mn<br>same O  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 14:11 |
| S7  | 141291 | "O.sub.3"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:16 |
| S8  | 37     | S6 same S7  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:18 |
| S9  | 11854  | perovskite  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:18 |
| S10 | 51818  | "429".clas.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:19 |
| S11 | 919    | S9 and S10  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:20 |
| S12 | 763    | S11 and (fuel cell)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 12:37 |
| S13 | 2      | "02236959"  | US-PGPUB;<br>USPAT;<br>JPO   | ADJ | ON | 2007/06/29 14:00 |
| S14 | 102    | LSCM  | US-PGPUB;<br>USPAT;<br>JPO   | ADJ | ON | 2007/06/29 14:01 |
| S15 | 6      | S14 and (fuel cell)   | US-PGPUB;<br>USPAT;<br>JPO   | ADJ | ON | 2007/06/29 14:01 |
| S16 | 31     | S6 and (fuel cell)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/29 14:12 |

## EAST Search History

|     |    |          |                                      |     |    |                  |
|-----|----|----------|--------------------------------------|-----|----|------------------|
| S17 | 21 | "411547" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | ADJ | ON | 2007/07/11 17:58 |
|-----|----|----------|--------------------------------------|-----|----|------------------|